



An E-Update

Prepared by Organizational Results
Missouri Department of Transportation

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Report Card Gives MoDOT High Grades

A recent assessment by adult Missourians gave MoDOT high marks in almost all areas of satisfaction. A Report Card from Missourians showed overall satisfaction had grown 7 percent in the last year to 85 percent. Nearly 90 percent of Missourians said they trust MoDOT to keep its commitments. The ETC Institute conducted the annual assessment with more than 3,500 adults in all ten regions of the state. Grade the responses yourself in the summary or full report.

[Report Card from Missourians Report](#) [Report Card Summary](#)

New Asphalt Test Gives Performance Data Faster

Thanks to a recently completed research study by the Center for Transportation Research and Education, MoDOT engineers can now use a new permeability test and testing equipment to have asphalt performance data in a matter of minutes. This replaces the old coring method that took several weeks to complete. The testing procedure passes pavements that fall within a limited range. Soak in all the details from the report. [Asphalt Permeability Research Report](#)

District Partnering Meeting Focuses on Incident Responses

The next time you travel Interstate 270 in St. Louis without a delay, you may want to thank a new partnership among area emergency responders. The partnership to coordinate incident responses was developed at a June 15 Partnering for Innovative Efficiency meeting hosted by MoDOT's St. Louis Area District. The meeting was the first of its kind narrowed to handle a regional issue. Check out how the group kept things moving at the meeting. [Partnering Newsletter](#)

Road Reviews Drive Customer Perceptions

Missouri citizens are getting a free ride from MoDOT and providing some important insight into the most important qualities and features for the state's transportation system. During June, twelve road reviews were conducted at four locations in the state. The first session at each site was for area legislators and planning partners. Randomly selected members of the public attended the second and third sessions. A total of 81 planning partners and 183 members of the public attended the roadway reviews. Participant perceptions will be compared with road analyzer data and engineering reviews. The final report will be available in August.

Portable Rumble Strips Performing Well in Pilot Area

Initial data from a field study of a portable rumble strip is showing promise for use in temporary work zones. RoadQuake Temporary Portable Rumble Strips have shown to reduce speeds by five to ten miles per hour. The strips require no glue and can be reused. The strips also can be placed during rainy conditions. Complete testing data should be available following this year's construction season. Slow down and read all about it in the project summary. [RoadQuake Summary](#)



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Quick Test Developed for Concrete Durability Estimation

Researchers from the Missouri University of Science and Technology have developed a concrete testing method that reduces turnaround time from as much as 75 days to less than a week. A total of seven options were presented to MoDOT for consideration. As an alternate to traditional regression models, an evaluation method using threshold limits is being considered. Validation of the research is being conducted during this construction season. The details are a quick click away in the report. [Concrete Durability Factor Report](#)

Containerized Shipments Studied for Central Missouri

MoDOT recently partnered with public agencies and a private company to determine expansion feasibility of intermodal freight movement through the Columbia Terminal Railroad (COLT) in Central Missouri. Businesses and shippers involved in the survey indicated that more than 450,000 twenty-foot equivalent units (TEU) of freight are passing through Central Missouri annually. Those interested in containerization or transloading services out of Columbia total more than 140,000 TEUs inbound and outbound annually. More than half of the survey respondents indicated interest in COLT services. Recommendations included marketing, business development, intermodal development and public/private partnership development. You'll find loads more information in the full report.

[COLT Research Report](#)

Graduated Drivers License Producing Desired Results

A recently completed study by the University of Missouri-Kansas City showed the state's graduated drivers license law is reducing accidents and saving lives. The study found a substantial decrease in crash involvement rates among drivers aged 15-18 in Missouri, while drivers aged 19 or older had a moderate decrease in the rates. This study also found Missouri teenage drivers aged 16-18 had a small but steady decrease in fatality rates, while the drivers in neighboring states with weaker GDL provisions experienced either an increase or a fluctuation. You have full reading privileges of the report. [GDL Research Report](#)

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